

PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 8, 2004

10/17/03 18

CLAIMS AS FILED - PART I

| | | (Column 1) | (Column 2) |
|----------------------------------|--------------|--------------|--------------------------|
| TOTAL CLAIMS | | | |
| FOR | NUMBER FILED | NUMBER EXTRA | |
| TOTAL CHARGEABLE CLAIMS | minus 20 = | | |
| INDEPENDENT CLAIMS | minus 3 = | | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

If the difference in column 1 is less than zero, enter "0" in column 2

| SMALL ENTITY TYPE | OTHER THAN OR SMALL ENTITY |
|----------------------|-------------------------------|
| RATE | FEES |
| BASIC FEE | 100 |
| X\$ 25 = | |
| X100 = | |
| +180 = | |
| TOTAL | |
| | TOTAL |

CLAIMS AS AMENDED - PART II

| | | (Column 1) | (Column 2) | (Column 3) |
|-------------|--|------------------------------------------------|---------------------------------------------|--------------------------|
| AMENDMENT A | | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| | | Total | 21 | |
| | | Independent | 3 | |
| | | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | <input type="checkbox"/> |

| SMALL ENTITY | OTHER THAN OR SMALL ENTITY |
|--------------------|-------------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$ 25 = | |
| X100 = | |
| +180 = | |
| TOTAL ADDT. FEE | |
| | TOTAL ADDT. FEE |

| | | (Column 1) | (Column 2) | (Column 3) |
|-------------|--|------------------------------------------------|---------------------------------------------|--------------------------|
| AMENDMENT B | | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| | | Total | 21 | |
| | | Independent | 3 | |
| | | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | <input type="checkbox"/> |

| AMENDMENT B | OTHER THAN OR SMALL ENTITY |
|--------------------|-------------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$ 25 = | |
| X100 = | |
| +180 = | |
| TOTAL ADDT. FEE | |
| | TOTAL ADDT. FEE |

| | | (Column 1) | (Column 2) | (Column 3) |
|-------------|--|------------------------------------------------|---------------------------------------------|--------------------------|
| AMENDMENT C | | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| | | Total | 21 | |
| | | Independent | 3 | |
| | | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | <input type="checkbox"/> |

| AMENDMENT C | OTHER THAN OR SMALL ENTITY |
|-------------|-------------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$ 25 = | |
| X100 = | |
| +180 = | |